

C L A I M S

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- 5        1.    Harness device for a weaving machine comprising an  
apertured board provided with threading openings (9)  
for pulling through a series of harness cords (2),  
characterized in that this apertured board is composed  
of at least two separate detachable small partial  
apertured boards (1).
- 10       2.    Harness device according to claim 1, characterized in  
that it comprises a receiving grid (5) for the said  
small partial apertured boards (1).
- 15       3.    Harness device according to claim 1 or 2, characterized  
in that the small partial apertured boards (1) are made  
of synthetic material.
- 20       4.    Harness device according to claim 3, characterized in  
that the small partial apertured boards (1) are made by  
means of an injection moulding process.
- 25       5.    Harness device according to any one of the preceding  
claims, characterized in that connecting elements (3,7)  
are provided for connecting one or several harness  
cords (2) to one or several tackle cords or hooks and  
in that each partial apertured board (1) comprises  
threading openings (9) and provisions to carry a number  
of connecting elements (3,7).
- 30       6.    Harness device according to claim 5, characterized in  
that the threading openings (9) or the connecting  
elements (3,7) are provided with a spring-mounted  
retaining element.

7. Harness device according to claim 5, characterized in that in each partial apertured board (1) recesses (13) have been provided in addition to threading openings (13) in order to carry a number of connecting elements (3,7).
8. Harness device according to claim 5, characterized in that a number of connecting elements are provided with an opening through which one or several spindles may be passed, these spindles having the possibility to rest on the small partial apertured boards (1) in order to carry the connecting elements (3,7).
9. Harness device according to any one of the preceding claims, characterized in that connecting elements (3,7) are provided for connecting one or several harness cords (2) to one or several tackle cords or hooks and in that the partial apertured board (1) comprises positioning means, which have been provided to position a number of connecting elements (3,7) in a desired connecting position.
10. Harness device according to claim 9, characterized in that the said positioning means are provided in the said threading openings (9) or in a recess (13) provided next to each threading opening.
11. Harness device according to any one of the preceding claims 9 or 10, characterized in that the positioning means (9) comprise one or several grooves and/or guide pins (14) which have been designed to co-operate with an edge of the connecting element (3) in that the connecting element (3) automatically takes up a

connecting position when it is put into the threading opening (9) or the recess (13).

- 5 12. Harness device according to any one of the preceding claims 9 through 11, characterized in that the said positioning means (9) comprise a spindle (11), which is passed through the openings of a series of connecting elements (3).
- 10 13. Harness device according to any one of the preceding claims 9 through 12, characterized in that it comprises connecting elements in two parts (3,7) in order to connect one or several harness cords (2) to one or several tackle cords or hooks and in that the  
15 positioning means have been provided to carry at least one part (3) of the number of connecting means (3,7).
- 20 14. Method for building up a harness device according to any one of the preceding claims, characterized in that the harness cords (2) are divided into different groups, which are pulled through in respective small partial apertured boards (1).
- 25 15. Method for building up a harness device according to claim 14, characterized in that the harness device comprises connecting elements (3,7) for connecting one or several harness cords (2) to one or several tackle cords or hooks, in that these connecting elements (3,7) comprise first (3) and second (7) parts to be  
30 connected, and in that the first parts (3) carried by a partial apertured board (1) are connected to the corresponding second parts (7) by the same motion of the partial apertured board (1).

16. Method for building up a harness device according to claim 15, characterized in that a number of second parts (7) to be connected of the connecting elements (3,7) are kept in a connecting position by means of a comb.
17. Method for building up a harness device according to any one of the preceding claims 14 through 16, characterized in that one or several harness cords (2) are connected to one or several tackle cords or hooks by means of the connecting elements (3,7), and in that subsequently the small apertured boards (1) are raised, the connecting elements (3,7) being drawn through the threading openings (9), and in that the small partial apertured boards (1) are subsequently placed into a receiving grid (5), so that the complete apertured board is constituted.
18. Method for building up a harness device according to any one of the preceding claims 14 through 16, characterized in that one or several harness cords (2) are connected to one or several tackle cords or hooks by means of the connecting elements (3,7), and in that subsequently the small apertured boards (1) are lowered, and in that the small partial apertured boards (1) are subsequently placed into a receiving grid (5), so that the complete apertured board is constituted.